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February 9, 2005

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To:	EXA	MINER RAMNAND	AN SINGH	From:	HAZIM ANSARI				
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Re:	RES	PONSE TO OFFIC	E ACTION	CC:					
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Applicant			:	Usman et al					
	plication No.	:	10/03	38,320					
Filed			:	October 19, 2001					
Title	•		=	Meth	od and Syste	m for			
•				Filtering A Signal and for					
				Prov	iding Echo Ca	ancellation			
				Using	g an Adaptive	•			
				Leng	th Filter	· ·			
Grp./Div.			:	2644					
-	Examiner		:	Ram	Ramnandan Singh				
	xamıner ocket No.		:	0037	203-4				

Under the Paparwork Reduction Act of 1895.  TRANSMITTAL FORM  (to be used for all correspondence after Initial for Total Number of Pages In This Submission	Application Number  Filling Date  First Named Inventor  Art Unit  Examiner Name	Patent and Trademar	· • • • • • • • • • • • • • • • • • • •	PIZO ENTRAL	OMMERCE
Fee Transmittal Form	ENCLOSURES (Check a	II that apply)	After Allowance (		
Amendment/Reply After Final Aftidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement  Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocat Change of Correspondence Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on C	Address	Appeal Commun of Appeals and Ir Appeal Commun (Appeal Notics, Be Proprietary Information Status Letter Other Enclosure(below):	nterferences ication to TC rief, Reply Br mation	5 C 167)
SIGNA	TURE OF APPLICANT, ATT	ORNEY, OR A	SENT		
Firm Name PATENTMETRIX Signature Printed name HAZIM ANSARI					-
Date FEBRUARY 9, 2005	FEBRUARY 9, 2005		6		
I hereby certify that this correspondence is b sufficient postage as first class mall in the the date shown below:	ERTIFICATE OF TRANSMIS eling facsimile transmitted to the USF velocity addressed to: Commissioner	PTO or denosited w	th the United States	s Postal Ser , VA 22313-	vice with 1450 on
Tuned or printed game HAZIM ANSARI			Date 2/9/05		

This collection of Information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burdan, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Usman et al Applicant 10/038,320 : Application No.

October 19, 2001 : Filed

Method and System for Filtering A Title

Signal and for Providing Echo Cancellation Using an Adaptive

Length Filter

2644 Grp./Div.

Ramnandan Singh Examiner :

0037203-4 Docket No.

QUARTICS Mail Stop Amendments 2 Peters Canyon Commissioner for Patents Irvine, CA 92606 P.O. Box 1450 Alexandria, VA 22313-1450 February 9, 2005

## Response to Office Action Dated August 9, 2004 (Submitted via Facsimile)

In response to the Examiner's extensive office action dated August 9, 2004, applicant is providing a response that includes:

- 1. A specification amendment;
- Claim amendments;
- 3. Remarks in support of the aforementioned amendments; and
- 4. A credit-card charge authorization to pay for a three-month extension fee.

To provide procedural support to its proposed amendments and submitted remarks, Applicant would like to draw the Examiner's attention to a revocation and power of attorney filed, by facsimile, on October 29, 2004 that withdraws the power of attorney from O'Melveny and Myers and appoints PatentMetrix, Customer No. 29484, as applicant's attorneys with full power to prosecute this application. Applicant further requests the Examiner to grant a three-month extension to the time to respond and, in support thereof, has provided a payment, embodied in a fee transmittal form and charge authorization form, sufficient to cover the extension fees.

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